

May 1, 2025

FortisBC Energy Inc.
16705 Fraser Highway
Surrey, BC V4N 0E8

Attention: FortisBC Energy Inc.

RE: Determination of Application Number 100119867

Permit holder: FortisBC Energy Inc.
Date of Issuance: May 1, 2025
Effective Date: May 1, 2025
Application Submission Date: September 16, 2024
Application Determination Number: 100119867
Approved Disturbance Footprint: 0.0 ha

Activities Approved

Short Term Water Use No.: 0006766	Point of Diversion No.: 001, 002, 003
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General, Authorizations and Conditions

Authorizations

Water Sustainability Act

1. The BC Energy Regulator, pursuant to section 10 of the Water Sustainability Act, hereby authorizes the diversion, storage and use of Crown water from the point(s) of diversion detailed in the Short Term Water Use Details table below.

Conditions

Notification

2. The Permit Holder must notify the First Nation(s) copied on this permit/authorization at least 5 (five) working days prior to project commencement.

Clearing/Forest Act

3. The permit holder is permitted to fell any trees located on Crown land within 1.5 tree lengths of the activity area that are considered to be a safety hazard according to Workers Compensation Act regulations and must be felled in order to eliminate the hazard. Trees or portions of these trees that can be accessed from the activity area without causing damage to standing timber may be harvested.

Activity Specific Details, Permissions and Conditions

Short Term Water Use

Short Term Water Use Number - 0006766
Approval Period: From: May 1, 2025, To: April 30, 2027

Activity Details

Point of Diversion No.: 001	Water Source Name: Hixon Creek
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 5485711, Easting 511914 Maximum Withdrawal Rate (m3/s): 0.03 Daily Withdrawal Volume (m3/day): 2,325 Total Withdrawal Volume per Calendar Year(m3/yr): 27,900 Total Withdrawal Volume (m3): 55,800	
Point of Diversion No.: 002	Water Source Name: Squamish River
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 5508346, Easting 488261 Maximum Withdrawal Rate (m3/s): 0.045 Daily Withdrawal Volume (m3/day): 3,813 Total Withdrawal Volume per Calendar Year(m3/yr): 45,750 Total Withdrawal Volume (m3): 91,500	
Point of Diversion No.: 003	Water Source Name: Stawamus River
Type: Stream/River Purpose: Oil and Gas & Storage Location (UTM): Zone 10, Northing 5501783, Easting 494997 Maximum Withdrawal Rate (m3/s): 0.045 Daily Withdrawal Volume (m3/day): 3,715 Total Withdrawal Volume per Calendar Year(m3/yr): 38,126 Total Withdrawal Volume (m3): 76,252	

All authorizations for this activity are subject to the following conditions:

Short Term Water Use Conditions

4. No instream works are permitted under this authorization.
5. A copy of this authorization must be available for inspection at the point of diversion and use location(s).
6. Water withdrawn under this authorization must only be used for the purposes of carrying out the energy resource activities or related activities.
7. Water must not be diverted or withdrawn from any beaver pond.
8. Water withdrawal must not occur where:
 - a. stream (wetted) depth is less than 0.30 metres (12 inches) at the withdrawal location; or
 - b. the diversion will cause the stream (wetted) depth to fall below 0.30 metres (12 inches) at the withdrawal location.
9. End-of-pipe intakes must be screened with maximum mesh sizes in accordance with the Fisheries and Oceans Canada 'Interim Code of Practice: End-of-pipe fish protection screens for small water intakes in freshwater'.
10. The permit holder must maintain accurate records of all water withdrawal activities throughout the term authorized. Water withdrawal records for each diversion point, including '0' values for months where no water was withdrawn, must be recorded monthly. Water withdrawal records must be submitted to the BC Energy Regulator on a quarterly basis via eSubmission. Quarterly reports are due on or before April 25, July 25, October 25 and January 25.

11. At any time, the BC Energy Regulator may suspend short term water use previously authorized. Water use suspensions will remain in place until such time as the BC Energy Regulator notifies permit holders that water withdrawals may resume.
12. The approval holder is authorized to store fresh water diverted under this use approval in dugouts or other fresh water storage structures provided:
 - a. the approval holder holds a valid permit or authorization to occupy the land on which the dugout or structure is located on unless a permit or authorization is not required, and
 - b. the dugout or structure is not subject to the Dam Safety Regulation unless the approval holder has a valid Water Licence and Leave to Operate the water storage structure.
13. Prior to any withdrawals from Hixon Creek (POD #001), the wetted depth at POD #001 and the streamflow at the Indian River at Twin Bridges hydrometric monitoring station (UTM 10U 507022E 548143N) must be monitored. On any day when water is being withdrawn from POD #001, the authorization holder must keep accurate records of:
 - a. daily water withdrawals in units of cubic metres (m^3)
 - b. stream wetted depth at POD #001 in metre units (m)
 - c. the streamflow of the Indian River as measured at the Indian River at Twin Bridges hydrometric monitoring station in units of cubic metres per second (m^3/s).
14. Water withdrawals from POD #001 are not authorized whenever the stream wetted depth at POD #001 is less than 0.30 m.
15. Water withdrawals from POD #001 are not authorized whenever the streamflow of the Indian River as measured at the Indian River at Twin Bridges hydrometric monitoring station is at or below the following Environmental Flow Thresholds:
 - a. November to March: $6.91 m^3/s$
 - b. April to July: $2.22 m^3/s$
 - c. September to October: $3.64 m^3/s$
16. No water withdrawals are authorized from POD #001 during the month of August.
17. All records must be made available to Regulator upon request.
18. Prior to any water withdrawals from the Stawamus River (POD #003), the wetted depth at POD #003 and the streamflow of the Stawamus River must be monitored. If a manual measurement of streamflow at POD #003 is deemed to be unsafe by a qualified professional, streamflow may be monitored at Water Survey of Canada Station 08GA076 (STAWAMUS RIVER AT HIGHWAY NO. 99). On any day when water is being withdrawn the authorization holder must keep accurate records of:
 - a. daily water withdrawals in units of cubic metres (m^3)
 - b. stream wetted depth at POD #003 in metre units (m)
 - c. the point of streamflow measurement (POD Location or Water Survey of Canada Station 08GA076 (STAWAMUS RIVER AT HIGHWAY NO. 99)
 - d. The streamflow of the Stawamus River at the point of measurement in units of cubic metres per second (m^3/s).
19. Water withdrawals from POD #003 are not authorized whenever the stream wetted depth at POD #003 is less than 0.30m.

20. Water withdrawals from POD #003 are not authorized whenever the streamflow of the Stawamus River at POD #003 is at or below 0.293 m³/s.
21. Water withdrawals from POD #003 are not authorized whenever the streamflow of the Stawamus River as measured at Water Survey of Canada Station 08GA076 (STAWAMUS RIVER AT HIGHWAY NO. 99) is at or below 0.73 m³/s.
22. No water withdrawals are authorized from POD #003 during the month of August.
23. Manual streamflow measurement records must be performed as per the procedures outlined in the BC Hydrometric Standards.
24. All records must be made available to Regulator upon request.

Advisory Guidance

1. Diversion Map - 22-3025-3POD01R1.pdf, Diversion Map - 22-3025-3POD02R1.pdf is for the permit holder's internal reference only and was not reviewed as a decision tool for this permit, nor does it form an integral part of this permit.
2. Unless a condition or its context suggests otherwise, terms used in this approval have the same meaning as the Environmental Protection and Management Regulation under the Energy Resource Activities Act.

All pages included in this permit and any attached documents form an integral part of this permit.



Corey Scofield
Authorized Signatory
BC Energy Regulator Delegated Decision Maker

Copied to:

First Nations – Musqueam Indian Band, People Of The River Referrals Office (PRRO), Squamish Nation, Tsleil-Waututh Nation